

# Claims

[c1] **What is claimed is:**

**1.A computer system comprising:**  
a housing having a side plate installed with a plurality of first holes;  
a central processing unit installed inside the housing for processing data and program codes;  
a pipeline having a predetermined pattern and a plurality of first hooks for engaging with the first holes and fixing the pipeline to the side plate; and  
a slide installed on a region beside the central processing unit and mounted onto the pipeline, the slide having at least a positioning protrude for engaging with the predetermined pattern of the pipeline.

[c2] **2.The computer system of claim 1 wherein the side plate of the housing further comprises at least a heat vent for ventilating heat generated by the central processing unit.**

[c3] **3.The computer system of claim 1 wherein the side plate of the housing further comprises at least a first positioning hole, and the pipeline further comprises a first positioning pillar corresponding to the first positioning hole.**

- [c4] 4.The computer system of claim 1 wherein the side plate of the housing further comprises at least a positioning spring plate hole, and the pipeline further comprises at least a positioning spring plate corresponding to the positioning spring plate hole.
- [c5] 5.The computer system of claim 1 further comprising a heat mask having a plurality of second hooks, and the side plate of the housing further comprising a plurality of second holes for engaging with the second hooks accordingly.
- [c6] 6.The computer system of claim 5 wherein the side plate of the housing further comprises a plurality of second positioning spring plate holes, and the heat mask further comprises a plurality of second positioning spring plates corresponding to the second positioning spring plate holes.
- [c7] 7.The computer system of claim 1 wherein the predetermined pattern comprises:
  - an engaging zone; and
  - a first rib set comprising:
    - a plurality of parallel-disposed first ribs installed on a first side of the engaging zone; and
    - a plurality of first spaces, each of which disposed between two adjacent first ribs of the first rib set;

and the positioning protrude can be engaged into any one of the first spaces.

- [c8] 8.The computer system of claim 7 wherein all of the first spaces are equal in length.
- [c9] 9.The computer system of claim 7 wherein at least two of the first spaces are not equal in length.
- [c10] 10.The computer system of claim 7 wherein the predetermined pattern further comprises:
  - a second rib set comprising:
  - a plurality of parallel-disposed second ribs installed on a second side of the engaging zone and interlaced with the first ribs; and
  - a plurality of second spaces, each of which disposed between two adjacent second ribs of the second rib set; and the positioning protrude can be engaged into any one of the second spaces.
- [c11] 11.The computer system of claim 10 wherein all of the first spaces and the second spaces are equal in length.
- [c12] 12.The computer system of claim 7 wherein the predetermined pattern further comprises:
  - a guiding zone; and
  - a guiding track installed on the guiding zone; and the slide further comprises:

a guiding protrude; and  
a guiding slot installed on the guiding protrude for engaging with the guiding track while the slide is mounting onto the pipeline so that the slide is capable of sliding back and forth along the pipeline.

- [c13] 13.The computer system of claim 12 wherein the predetermined pattern further comprises:  
a fixing track installed in parallel with the guiding track for engaging with the guiding slot of the guiding protrude of the slide while the positioning protrude is engaged into any one of the first spaces.
- [c14] 14.The computer system of claim 12 wherein the guiding protrude is made of materials of plasticity.
- [c15] 15.The computer system of claim 14 wherein the guiding protrude is made of plastic.
- [c16] 16.The computer system of claim 7 wherein the predetermined pattern further comprises:  
a guiding zone; and  
a guiding track installed on the guiding zone; and the slide further comprises:  
at least a guiding protrude; and  
a corresponding guiding slot installed on the guiding protrude for engaging with the fixing track while the po-

sitioning protrude is engaged into any one of the first spaces.

- [c17] 17.The computer system of claim 16 wherein the positioning protrude is made of materials of plasticity.
- [c18] 18.The computer system of claim 17 wherein the positioning protrude is made of plastic.
- [c19] 19.The computer system of claim 16 wherein the predetermined pattern further comprises:  
a guiding track installed in parallel with the fixing track for guiding the slide to slide along the pipeline while the slide is mounted onto the pipeline and the positioning slot is engaged into guiding track.
- [c20] 20.The computer of claim 7 wherein the predetermined pattern further comprises a pipeline hook for hooking the slide and preventing the slide away from the pipeline after the slide is mounted onto the pipeline.
- [c21] 21.The computer system of claim 20 wherein the pipeline hook is made of materials of plasticity.
- [c22] 22.The computer system of claim 21 wherein the pipeline hook is made of plastic.